

Andrés Cruz

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Research Interests

Political Methodology; Robustness and Sensitivity Analysis; Machine Learning; Metascience; Comparative Political Economy.

Education

The University of Texas at Austin (UT)

Ph.D. in Government (2021–present)

- Dissertation: *Three Essays on Systematizing Robustness in Social Science Research*.
- Committee: John Gerring (chair), Stephen Jessee (chair), Max Goplerud, Connor Jerzak, Santiago Olivella.

M.S. in Statistics (2025)

Pontificia Universidad Católica de Chile (PUC)

B.A. & M.A. in Political Science (2019)

Research

Working papers (available upon request)

4. Cruz, A., Gerring, J., & C.H. Knutsen. *Synthesizing Research through Total Model Space: The Case of Democracy and Growth*. Under review.
3. Gerring, J., Cruz, A., de Castro Quaglia, L., Miao, K., Öncel, E., & Saijo, H. *Leader Tenure and Leader Power*. [OSF].
2. Gardner, R., Martin, M., Moran, A., Elkins, Z., Cruz, A., & Pérez, G. *Expanding Your Vocabulary: Topic Integration Using the Segments-as-Topics (SAT) Approach*. Under review.
1. Cruz, A.. *Detecting and Understanding Influential Sets*.

Peer-reviewed publications

4. Cruz, A., Bouyamoun, A., & Ornstein, J.T. (2026). *Survey Quality and Acquiescence Bias: A Cautionary Tale*. *Political Analysis*, First View.
3. Cruz, A., Elkins, Z., Gardner, R., Martin, M., & Moran, A. (2023). *Measuring Constitutional Preferences: A New Method for Analyzing Public Consultation Data*. *PLOS ONE*, 18(12).
2. Luna, J.P., Pérez, C., Toro, S., Rosenblatt, F., Poblete, B., Valenzuela, S., Cruz, A., Bro, N., Alcatrúz, D., & Escobar, A. (2022) *Much Ado About Facebook? Evidence from Eighty Congressional Campaigns in Chile*. *Journal of Information Technology & Politics*, 19(2).
1. Huneeus, S., Toro, S., Luna, J.P., Sazo, D., Cruz, A., Alcatrúz, D., Castillo, B., Bertranou, C., & Cisterna, J. (2021) *Delayed and Approved: A Quantitative Study of Conflicts and the Environmental Impact Assessments of Energy Projects in Chile 2012–2017*. *Sustainability*, 13(13).

Edited books

1. Urdínez, F. & Cruz, A. (eds.). (2020). *R for Political Data Science: A Practical Guide*. CRC Press.
 - Reviewed in [Technometrics](#). • Open-source [Spanish version](#).

Teaching

Instructor

UT: [Methods Camp, PhD in Government](#) (co-taught with Matt Martin / Meiying Xu) (x2; 2023, 24)

PUC and Universidad Diego Portales: [Programming for the Social Sciences](#) (x5; 2019–21)

Lab/Recitation Instructor

UT: Statistical Analysis in Political Science I/II (PhD). (AY 2023/24)

PUC: Quantitative Analysis II (PhD) (x2); Political Data Analysis (x2); Introduction to Political Theory. (2016–18)

Teaching Assistant

UT: Statistical Analysis in Political Science; Business and Society. (2021–22)

PUC: Environmental Ethics and Justice. (2016)

Service

UT: Methods Fellow, PhD in Government. (AY 2024/25).

- Supported PhD methods training through office hours, tutorials, and events

Presentations

PolMeth (poster, 2024, 25); TexMeth (poster, 2022, 24, 25); Latin American PolMeth (poster, 2019–22, 25); SPSA (2024); APSA (2023); Toronto Workshop on Reproducibility (2021); LatinR (2019); ACCP (2018).

Fellowships and Awards

Latin American PolMeth, Best Poster Award (2025)

UT University Graduate Continuing Fellowship (AY 2025/26)

UT Graduate School Excellence Fellowship (Summer 2025)

NSF ACCESS EXPLORE allocation (compute credits) (2025)

UT College of Liberal Arts Research Fellowship (Summer 2024)

UT Department of Government Pre-Dissertation Fellowship (Summer 2023)

PUC MA in Political Science, Ranked 1st in Cohort (2019)

Software

`marginaleffectsJAX`: a JAX backend for `marginaleffects`. [\[Github\]](#).

`tesseractgt`: an R package to generate ground truth data for Tesseract's OCR. [\[Github\]](#).

`inexact`: an RStudio addin to supervise fuzzy joins. [\[GitHub\]](#).

Miscellaneous

Programming: Advanced: R, Python, JavaScript, Unix. Intermediate: Julia, SQL.

Methods Training: EITM (2025), UCU Winter School (2018/19), IPSA-USP Summer School (2018).

Languages: Spanish, English, Portuguese (intermediate).

Reviewer: LatinR 2023–25.